

# **ASE 230 Tools Installation - MySQL**

# MySQL Setup and Installation

## Development Environment Setup

### Option 1: XAMPP/MAMP (Recommended only for beginners)

```
# Download XAMPP from https://www.apachefriends.org/  
# Includes Apache, MySQL, PHP in one package  
# Start MySQL from XAMPP control panel
```

## Option 2: Standalone MySQL

```
# macOS with Homebrew  
brew install mysql  
brew services start mysql
```

```
# Ubuntu/Debian  
sudo apt update  
sudo apt install mysql-server  
sudo systemctl start mysql
```

```
# Windows  
# Download from https://dev.mysql.com/downloads/installer/
```

## Option 3: Docker (Advanced)

```
docker run --name mysql-dev -e MYSQL_ROOT_PASSWORD=password -p 3306:3306 -d mysql:8.0
```